

Appendix N3

# ***Public Meeting #3 Summary Report***

Part 2 of 4

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## **Slide Presentations**

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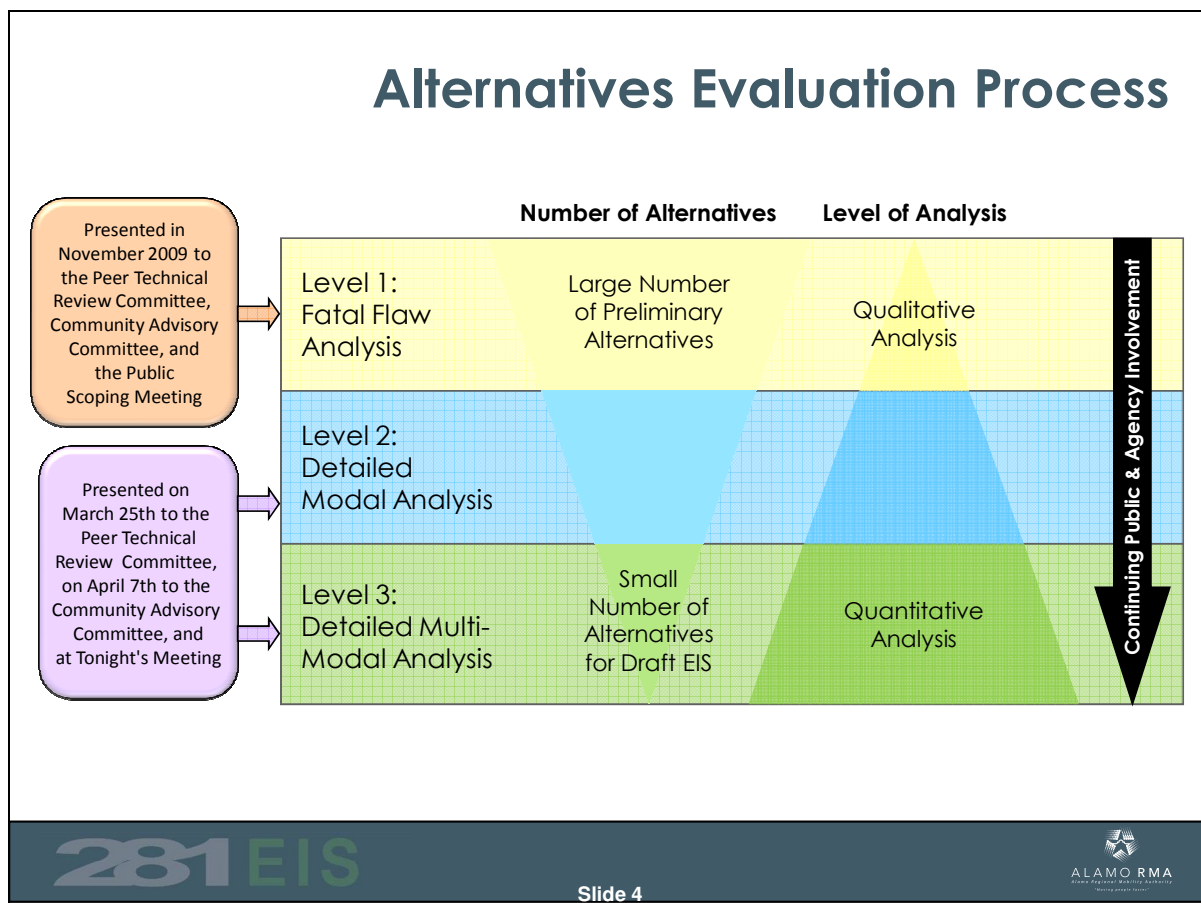
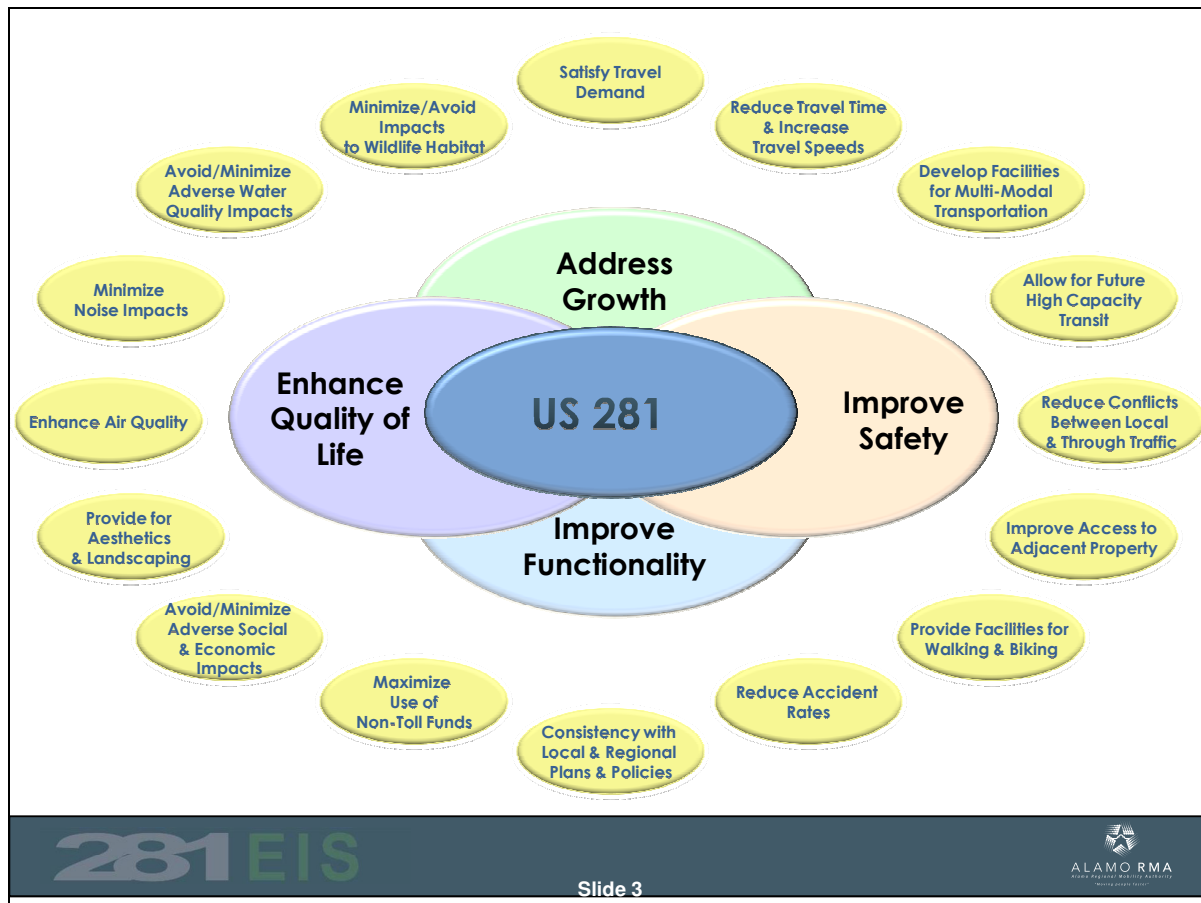
# US 281 Environmental Impact Statement

## Public Meeting #3

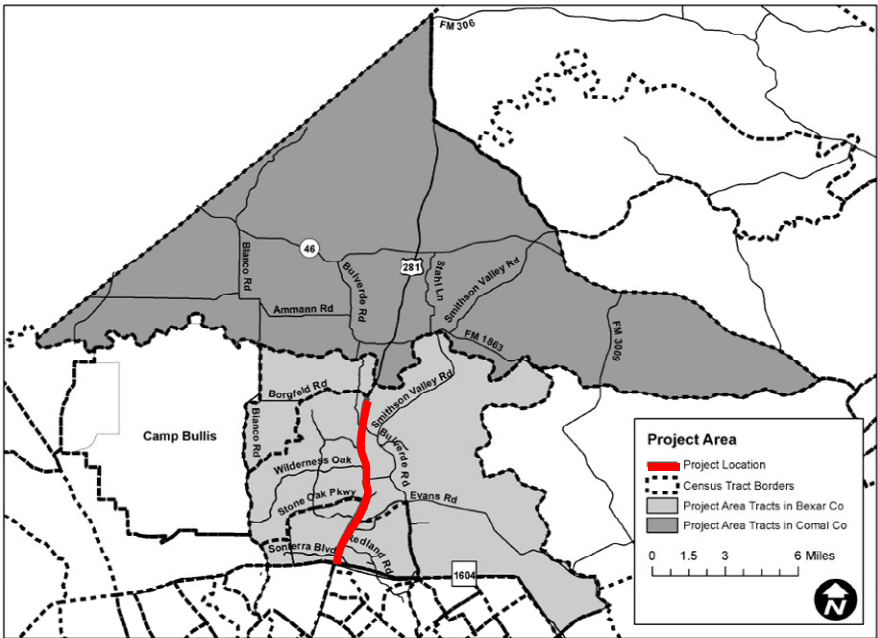
April 29, 2010

## Presentation Overview

1. Background Information
2. Level 2 Modal Analysis
3. Level 3 Multi-Modal Analysis
4. Recommended Reasonable Alternatives to be Carried Forward into the Draft EIS



# Project Area



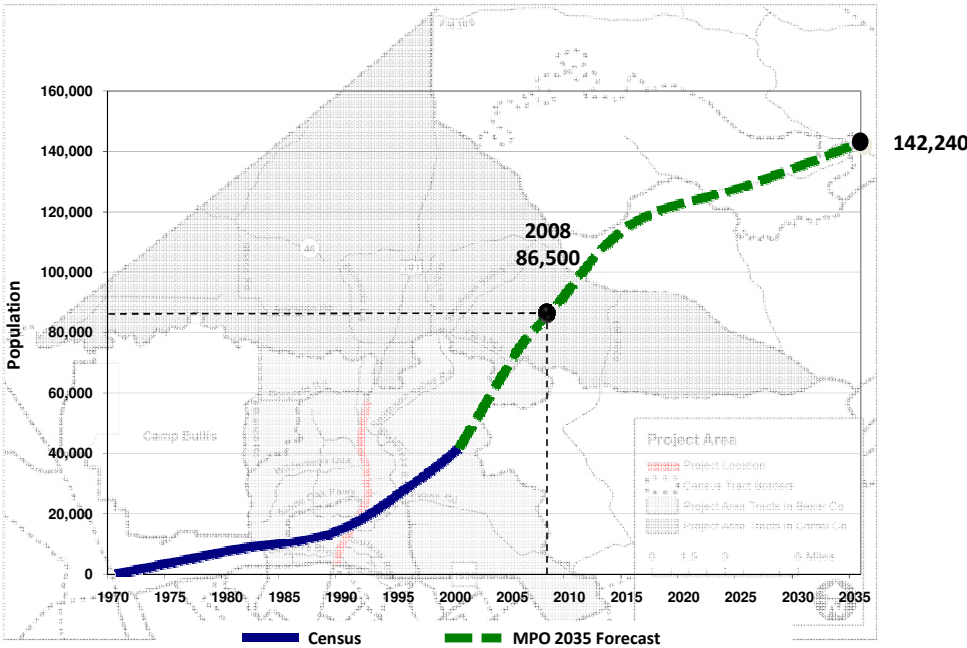
Source: US Census Bureau & MPO Demographic Forecasts

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Slide 5a



# Project Area Population

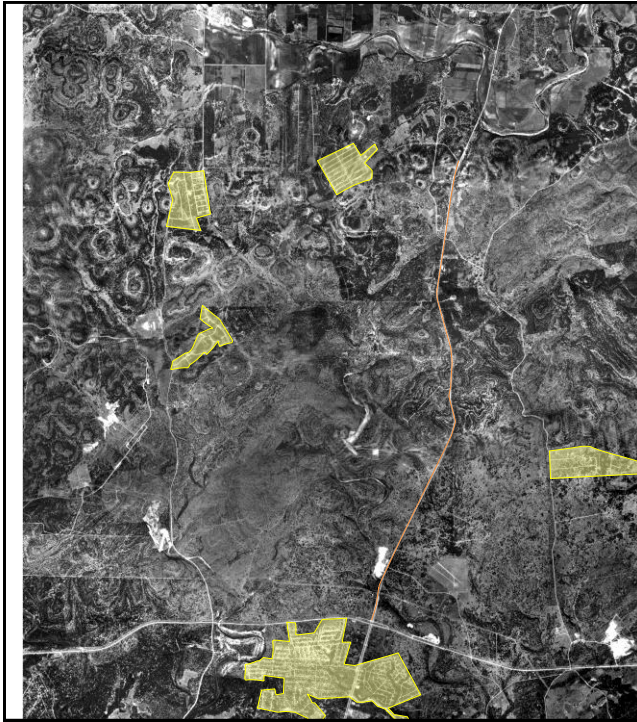


Source: US Census Bureau & MPO Demographic Forecasts

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Slide 5b





**1973 Aerial**

Slide 6a



**2009 Aerial**

Slide 6b

# Level 2 Evaluation Criteria

## Level 2 Alternatives Evaluation

- **Based on the ability to:**
  - Reduce conflict between local and through traffic
  - Improve system connectivity
  - Reduce crash rates
  - Satisfy forecasted travel demand

## Alternatives Recommended for Elimination in Level 2

### Light Rail/Streetcar

- No existing system for connectivity south of Loop 1604
- High cost to connect to possible future light rail/streetcar system south of Loop 1604
- Population and employment density north of Loop 1604 not conducive to light rail/streetcar
- VIA Coordination
  - Maintain opportunity to support light rail/streetcar in the future
  - One or more park and ride locations with Bus service to be included in Build Alternatives (under consideration)

# Level 3 Alternatives

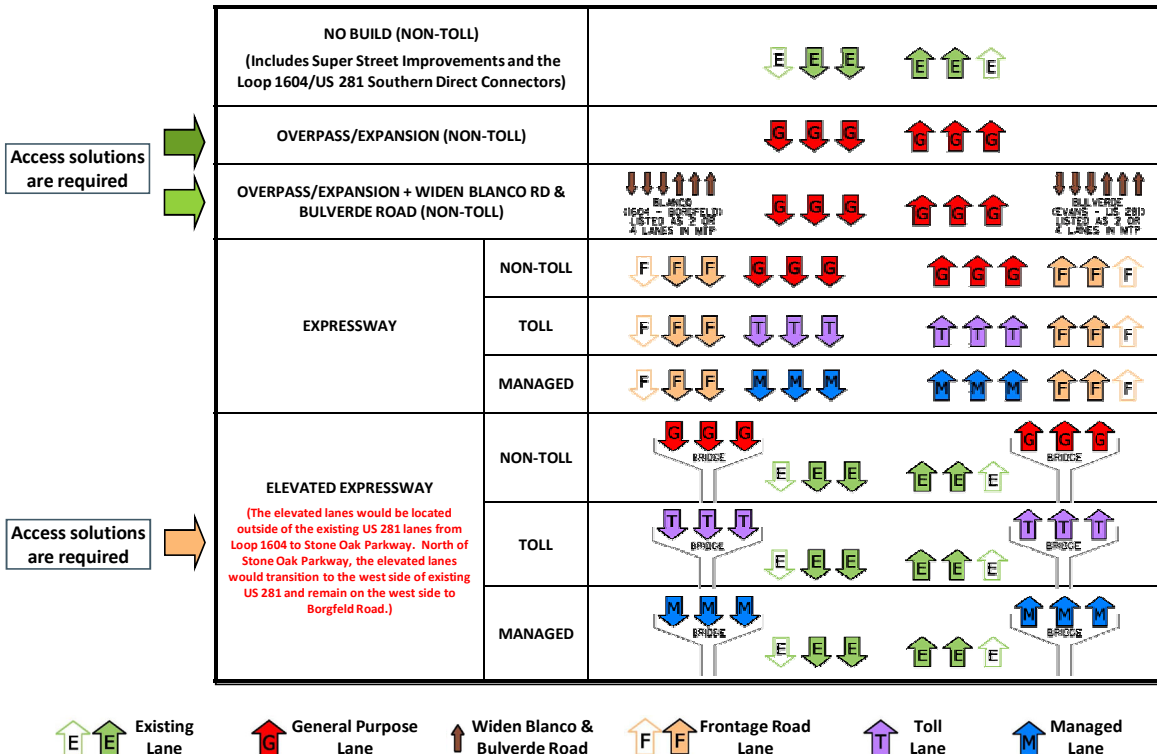
Build Alternatives		Complementary Elements
Overpass/Expansion (Non-Toll)		Bus, Park-and-Ride Facilities Bike and Pedestrian Facilities Growth Management Transportation System Management Transportation Demand Management
Overpass/Expansion + Widen of Blanco Rd and Bulverde Rd (Non-Toll)		
Expressway	Non-Toll	
	Toll	
	Managed	
Elevated Expressway	Non-Toll	
	Toll	
	Managed	

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## Level 3 Alternatives



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## How are Managed Lanes Different From Toll Lanes?

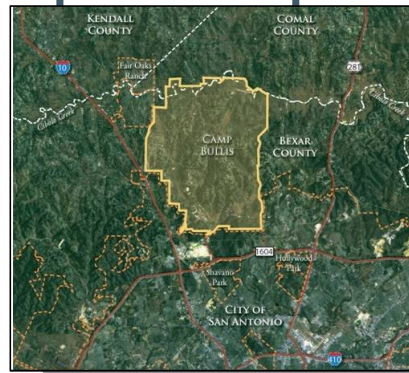
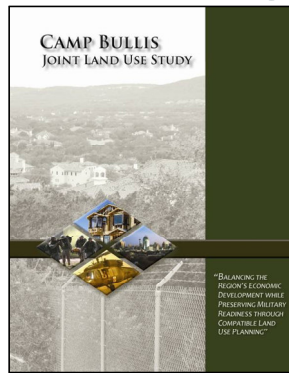


Katy Tollway – Houston, Texas

- **Toll Lanes** – Lanes on which vehicles, not exempted by state law, must pay to use
- **Managed Lanes** – An operational approach to managing lanes. Lanes can be free or have tolls based on certain conditions such as:
  - Number of persons per automobile
    - single occupant vehicles
    - multi occupant vehicles
  - Vehicle type
    - Bus
    - Emergency vehicle
    - Motorcycle
    - Automobile
    - Larger trucks
  - Time of day and week
  - Combination of any of the above

## Level 3 Evaluation Factors

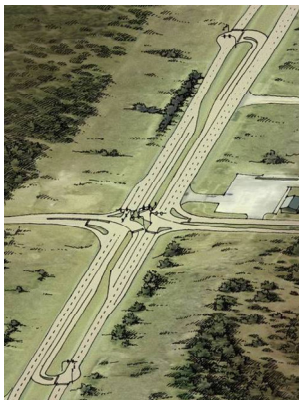
# Is the Alternative Compatible with Camp Bullis Operations?



Alternative	Yes	Somewhat	No
No Build	✓		
Overpass/Expansion	✓		
Overpass/Expansion + Widen Blanco Rd and Bulverde Rd			✗
Expressway		✓	
Elevated Expressway		✓	

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Super Street at Stone Oak Pkwy – San Antonio, Texas



US 15/501 - Chapel Hill, North Carolina

## What could happen to the Super Street?

Alternative	Retained	Partially Retained	Eliminated
No Build	✓		
Overpass/Expansion			✗
Overpass/Expansion + Widen Blanco Rd and Bulverde Rd			✗
Expressway			✗
Elevated Expressway		✓	

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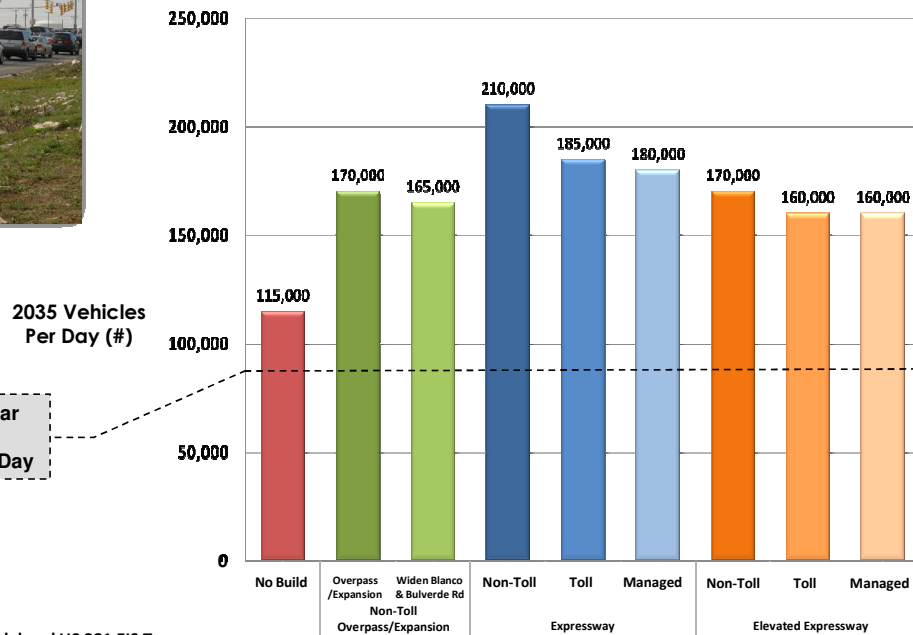
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US 281 and Evans Road –  
San Antonio, Texas

## How many vehicles per day could be on US 281 in 2035?



Source: MPO Travel Demand Model and US 281 EIS Team

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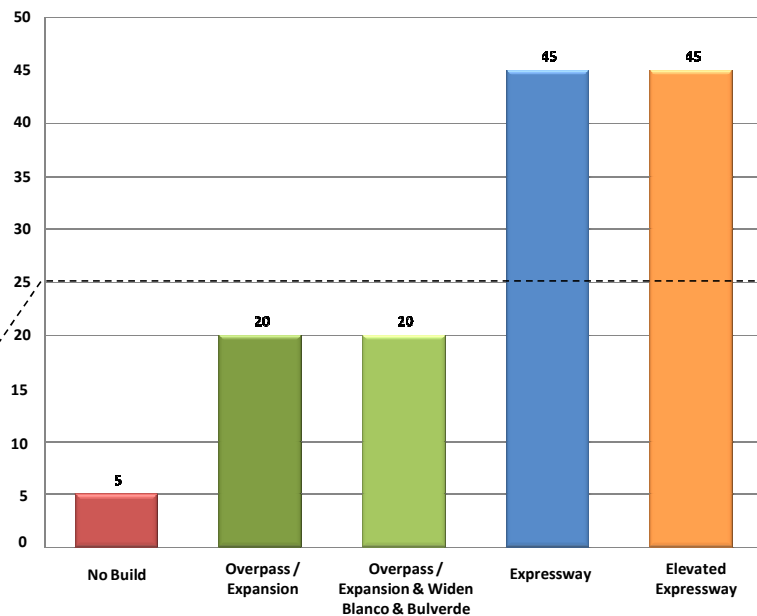
Slide 15



## What could be the average vehicle speed on US 281 in 2035?

Average Peak Hour  
Speed – Main Lanes (MPH)

Existing US 281:  
25 MPH



Source: MPO Travel Demand Model and US 281 EIS Team

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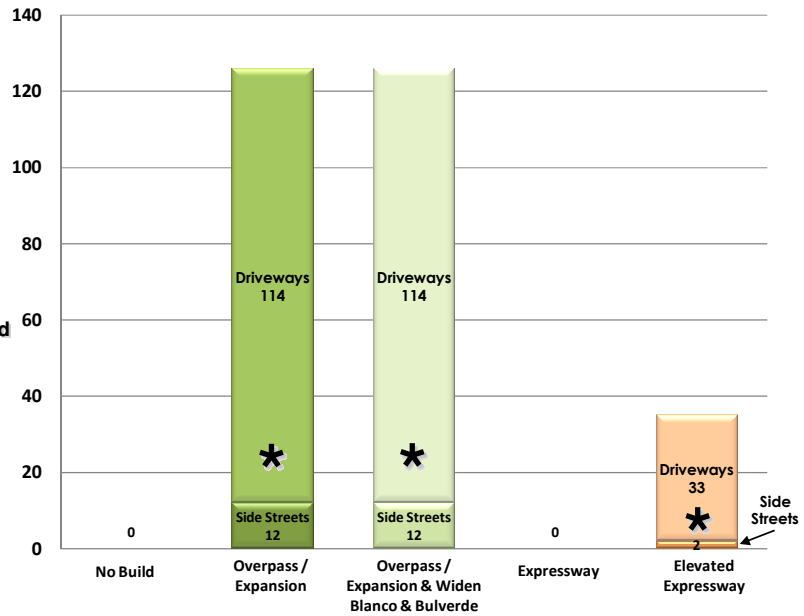
# How many Driveways and Side Streets could potentially lose access?



US 281 near Evans Road – San Antonio, Texas

**Number of Driveways and Side Streets**

\* These Numbers are preliminary and subject to change based on access solutions



Source: US 281 EIS Team

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**ALAMO RMA**  
ALBANY REGIONAL METROPOLITAN AREA  
REGIONAL METROPOLITAN AUTHORITY



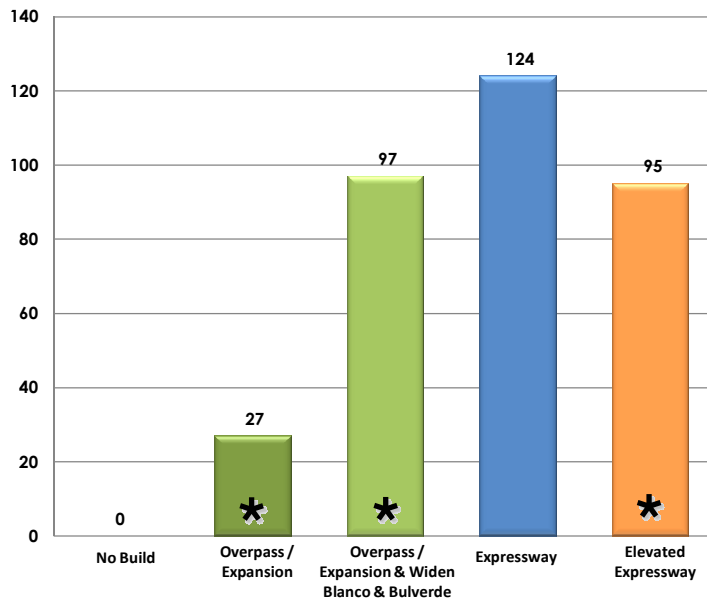
US 281 and Evans Road – San Antonio, Texas

**Additional Right of Way Required from Loop 1604 to Borgfeld Road Beyond Current State Right of Way (acres)**

\* additional Right of Way may be required for access solutions

# How much additional Right of Way could be required?

Right of Way is Preliminary and Subject to Change



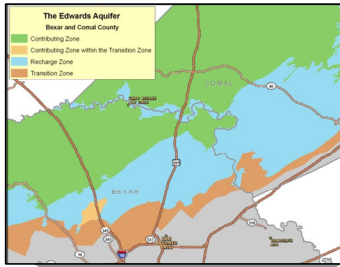
Source: US 281 EIS Team

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**ALAMO RMA**  
ALBANY REGIONAL METROPOLITAN AREA  
REGIONAL METROPOLITAN AUTHORITY

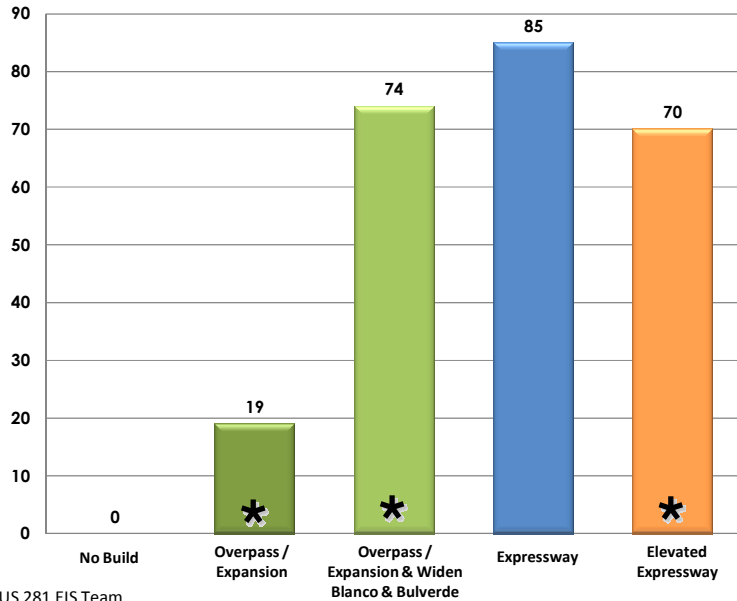
# How much additional Right of Way could be within the Edwards Aquifer Recharge Zone?



**Proposed Additional Right of Way within the Edwards Aquifer Recharge Zone (acres)**

\* additional Right of Way may be required for access solutions

Right of Way is Preliminary and Subject to Change



Source: Texas Commission on Environmental Quality and US 281 EIS Team

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ALAMO RMA  
ALBANY REGIONAL METROPOLITAN AUTHORITY  
Water Quality Report

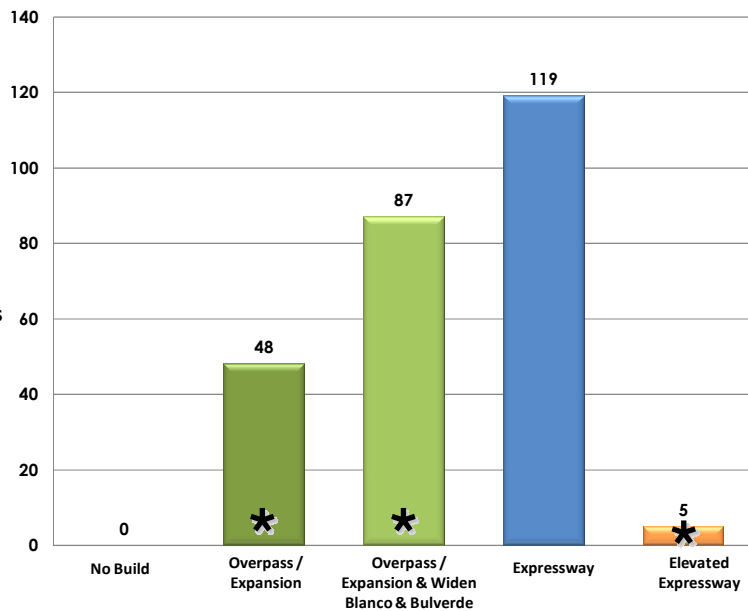


US 281- San Antonio, Texas

# How much additional Impervious Cover could there be if this Alternative was Built?

**Additional Impervious Cover (Acres)**

\* additional Right of Way may be required for access solutions



Source: US 281 EIS Team

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Water Quality Report

## STATE PURCHASE OF RIGHT OF WAY



Right of Way Division

ATTORNEY GENERAL OF TEXAS  
GREG ABBOTT

TEXAS LANDOWNER'S BILL OF RIGHTS

This Bill of Rights applies to any attempt by the government or a private entity to acquire property for a public use or project. The Texas Property Code prescribes the rights of landowners and the compensation if your property is acquired.

Compensation for your property is determined by the fair market value of the property at the time of acquisition. The fair market value is the price a willing buyer would pay for the property in the open market. The fair market value is determined by the appraiser's report. The appraiser's report is the basis for the compensation you receive. The appraiser's report is the basis for the compensation you receive. The appraiser's report is the basis for the compensation you receive.

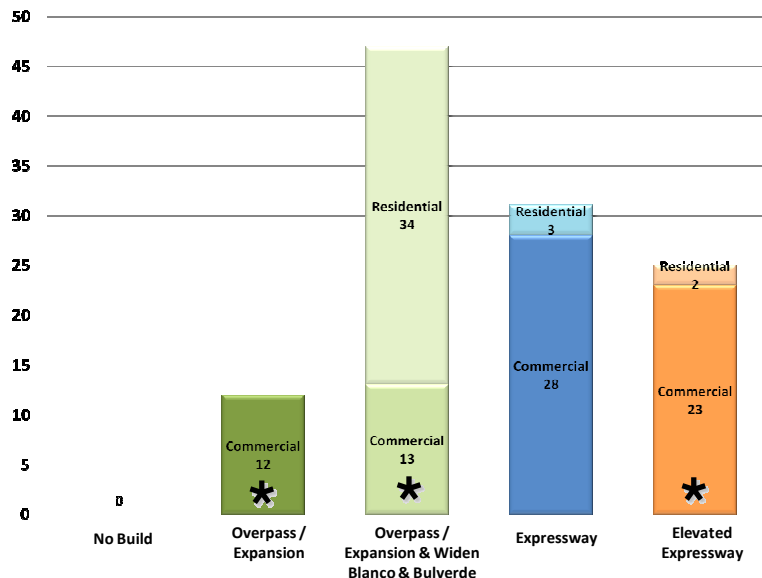
\* additional Right of Way may be required for access solutions

Source: US 281 EIS Team

# How many Homes and Businesses could be Displaced?

Right of Way is Preliminary and Subject to Change

Potential Displacements  
(# Structures)



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ALBANY, NEW YORK

## Recommended Reasonable Alternatives to be carried forward to the Draft EIS

- **No Build**
  - US 281 Super Street Improvements
  - Loop 1604/US 281 Southern Direct Connectors
  - Routine Maintenance
  - All Other Improvements/Strategies in Long Range Transportation Plan Except US 281 north of Loop 1604
- **Overpass / Expansion Alternative**
  - Non-Toll
- **Expressway Alternative**
  - Non-Toll
  - Toll
  - Managed
- **Elevated Expressway Alternative**
  - Non-Toll
  - Toll
  - Managed

### Complementary Elements of All Build Alternatives

Bus, Park-and-Ride Facilities  
Bike & Pedestrian Facilities  
Growth Management  
Transportation System Management  
Transportation Demand Management

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ALBANY, NEW YORK



## **Alternative Recommended for Elimination**

### **Overpass/Expansion Plus Widen Blanco Road and Bulverde Road**

- Impact to Camp Bullis Operations
- High amount of additional Right Of Way Required
- Large number of Potential Displacements
- High potential for adverse Environmental Impacts

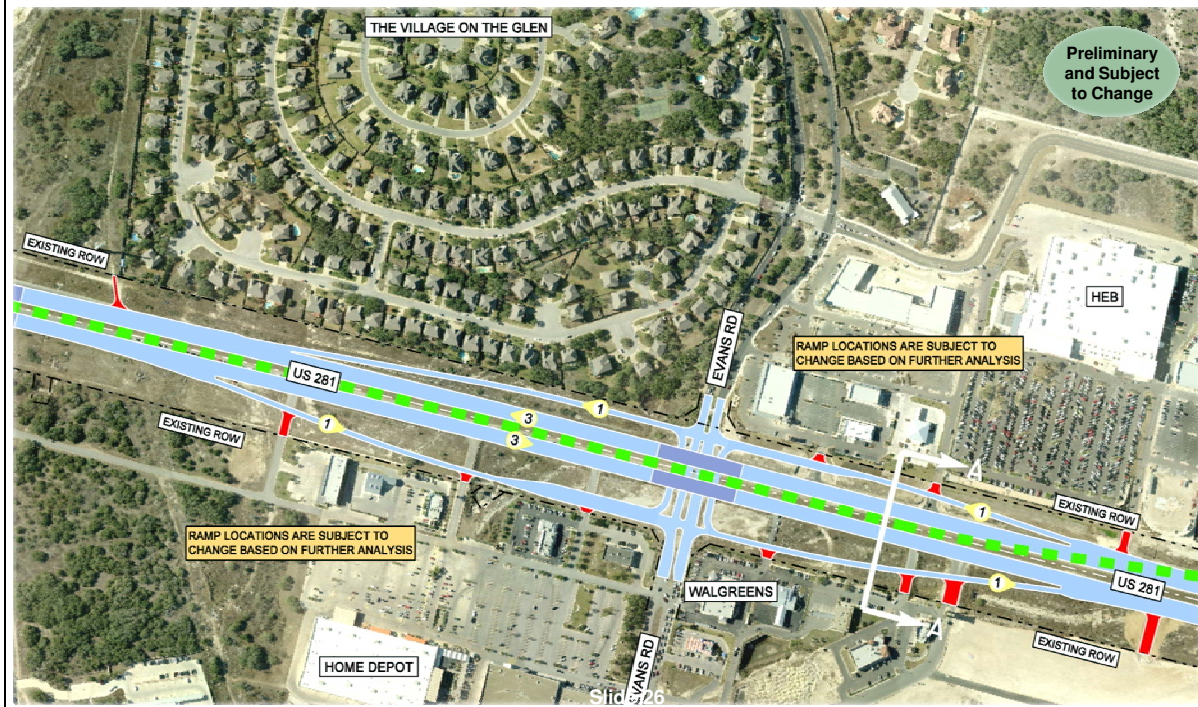
## **Conceptual Schematic Review**

# Alternative 1 Overpass/ Expansion US 281 at Evans Road



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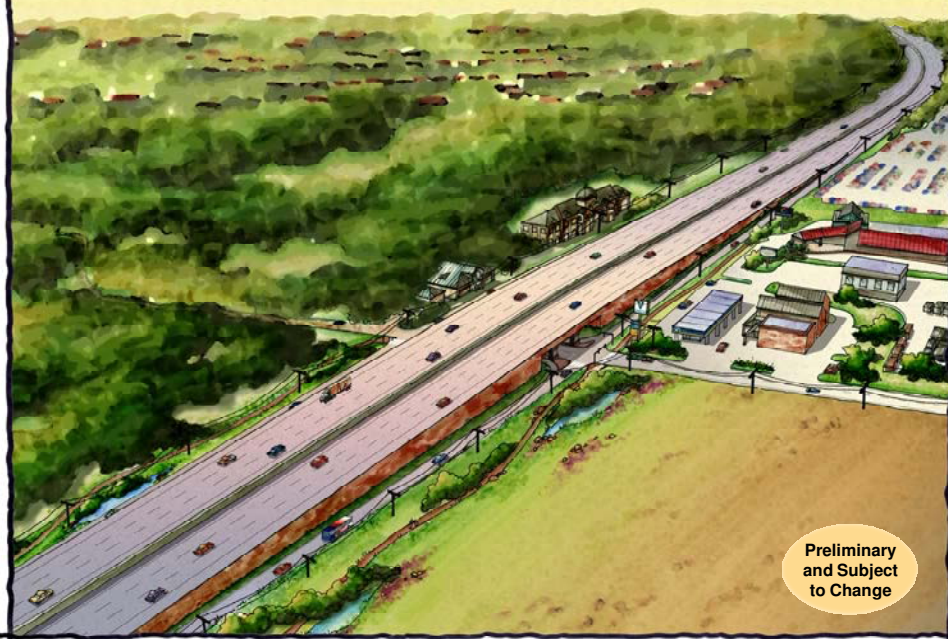
# Alternative 1 Overpass/ Expansion US 281 at Evans Road



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# Alternative 1 Overpass/ Expansion US 281 at Marshall Road



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# Alternative 1 Overpass/ Expansion US 281 at Marshall Road



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## Alternative 2 Expressway US 281 at Evans Road



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## Alternative 2 Expressway US 281 at Evans Road



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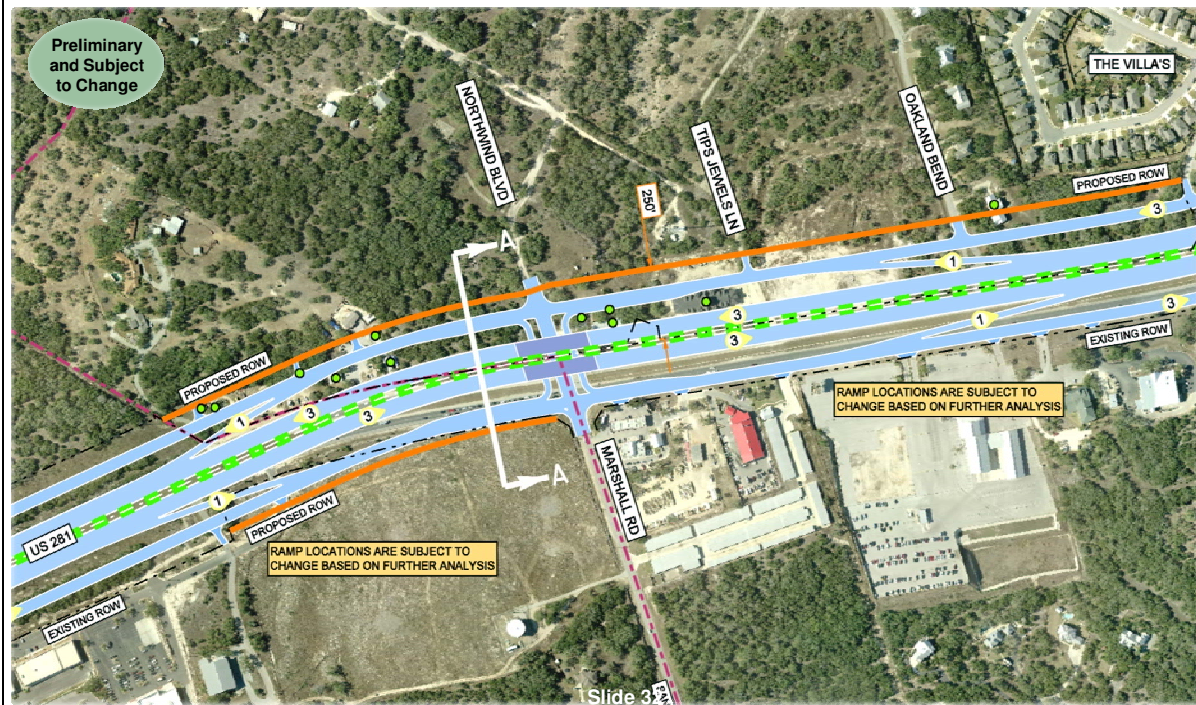


# Alternative 2 Expressway US 281 at Marshall Road



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# Alternative 2 Expressway US 281 at Marshall Road



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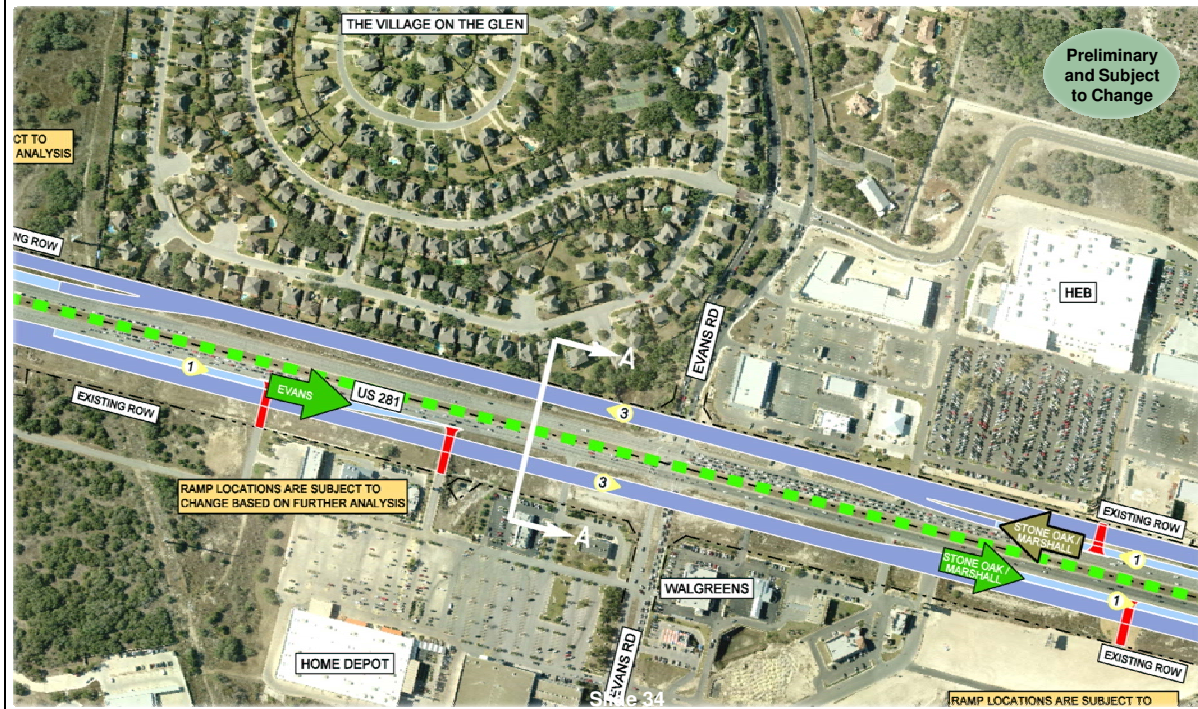


# Alternative 3 Elevated Expressway US 281 at Evans Road



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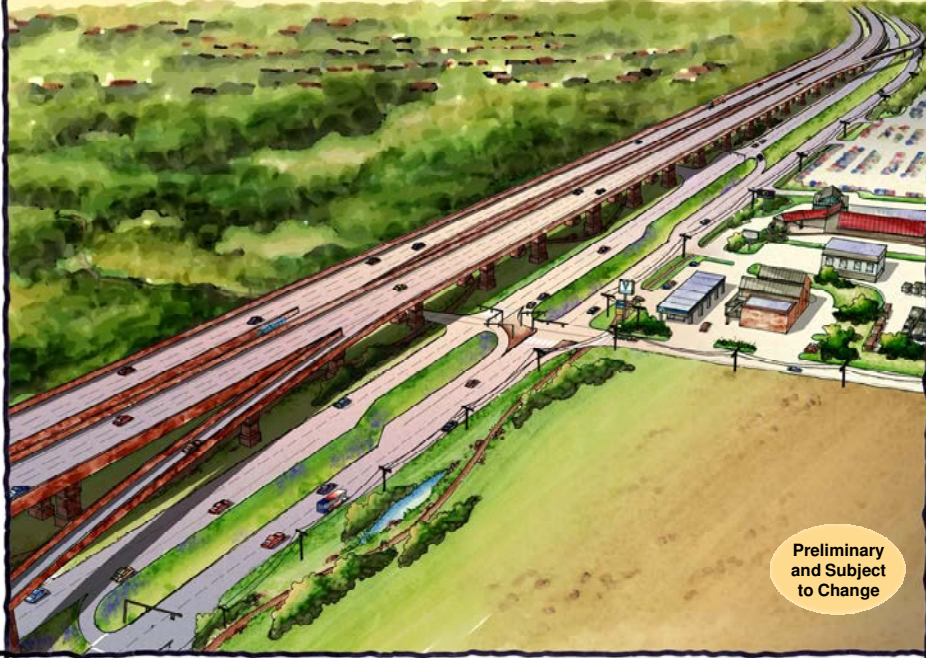
# Alternative 3 Elevated Expressway US 281 at Evans Road



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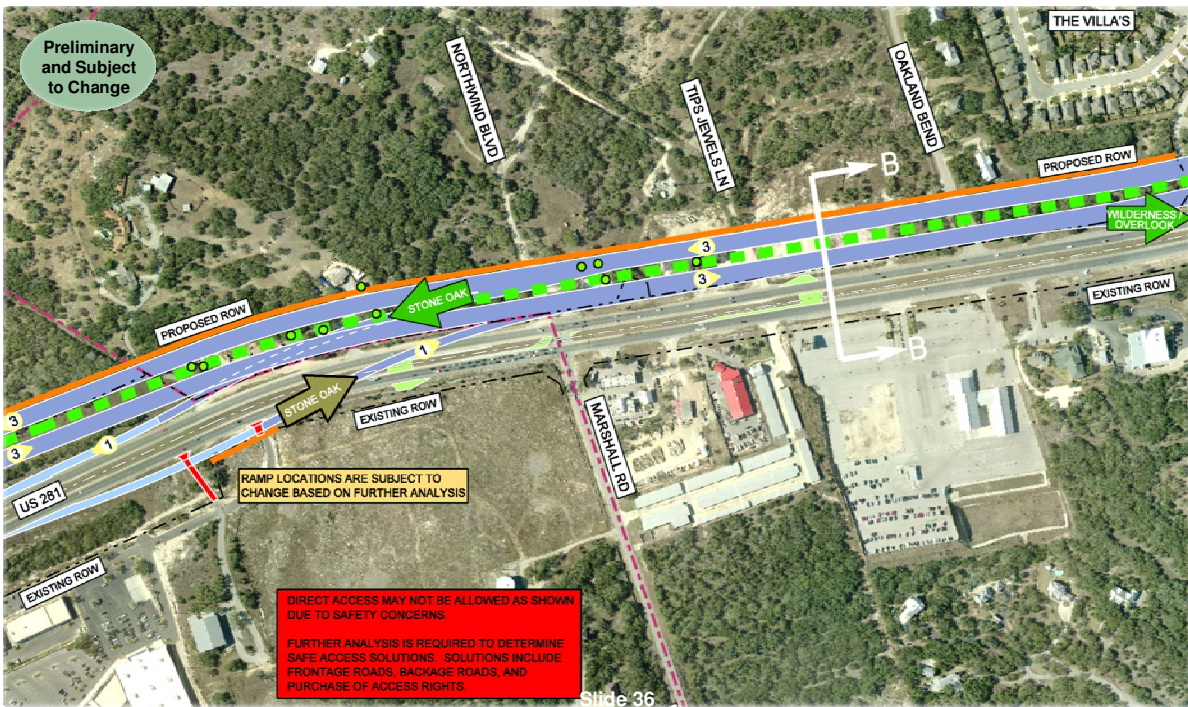
# Alternative 3 Elevated Expressway US 281 at Marshall Road



Preliminary  
and Subject  
to Change

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# Alternative 3 Elevated Expressway US 281 at Marshall Road



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# Small Group Work Session

# Reports From Small Groups

# How to Submit Comments

- **At the Meeting:**

- Fill out a comment card and drop in the comment box and/or
- Give your comments verbally to the Court Reporter

- **After the Meeting (through Monday, May 10, 2010):**

- Submit comments by fax to (210) 495-5403
- E-mail to [US281EIS@AlamoRMA.org](mailto:US281EIS@AlamoRMA.org)
- Website [www.411on281.com/US281EIS](http://www.411on281.com/US281EIS)

- **Mail written comments (through Monday, May 10, 2010) to:**

US 281 EIS Team  
Alamo Regional Mobility Authority  
1222 N. Main Avenue, Suite 1000  
San Antonio, Texas 78212

The presentation and exhibits from tonight's meeting are available for download at  
[www.411on281.com/US281EIS](http://www.411on281.com/US281EIS)